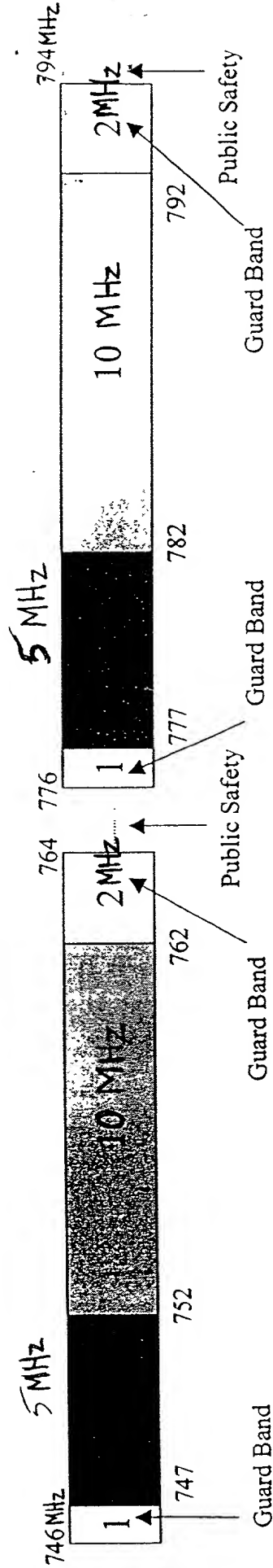


700 MHz Band Plan



TV Channelization

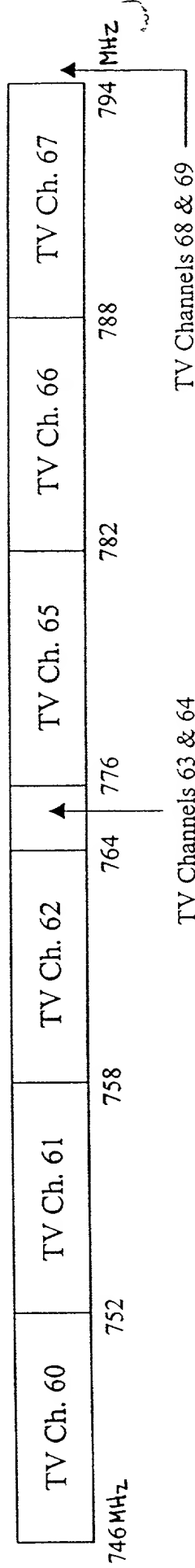
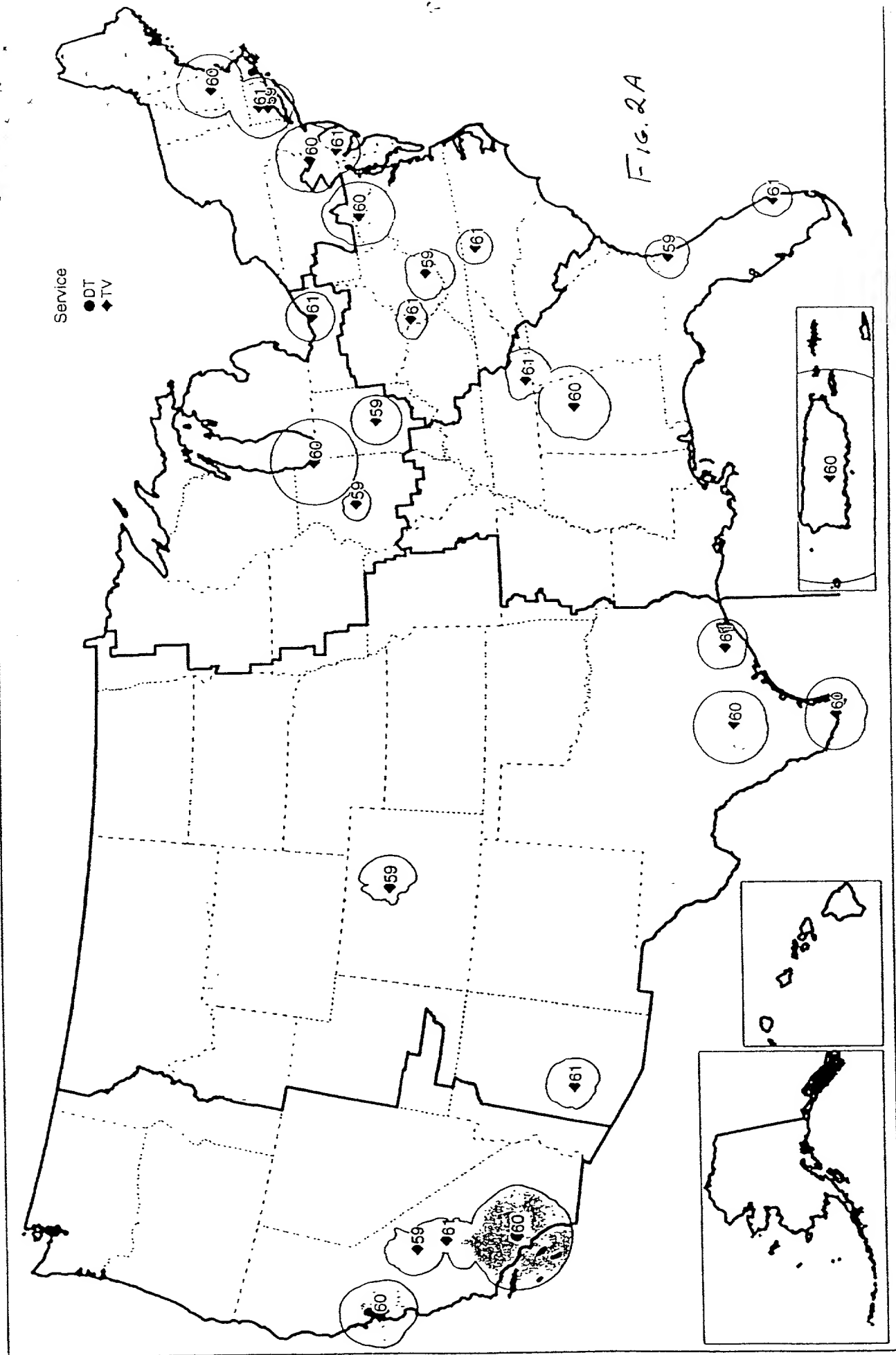
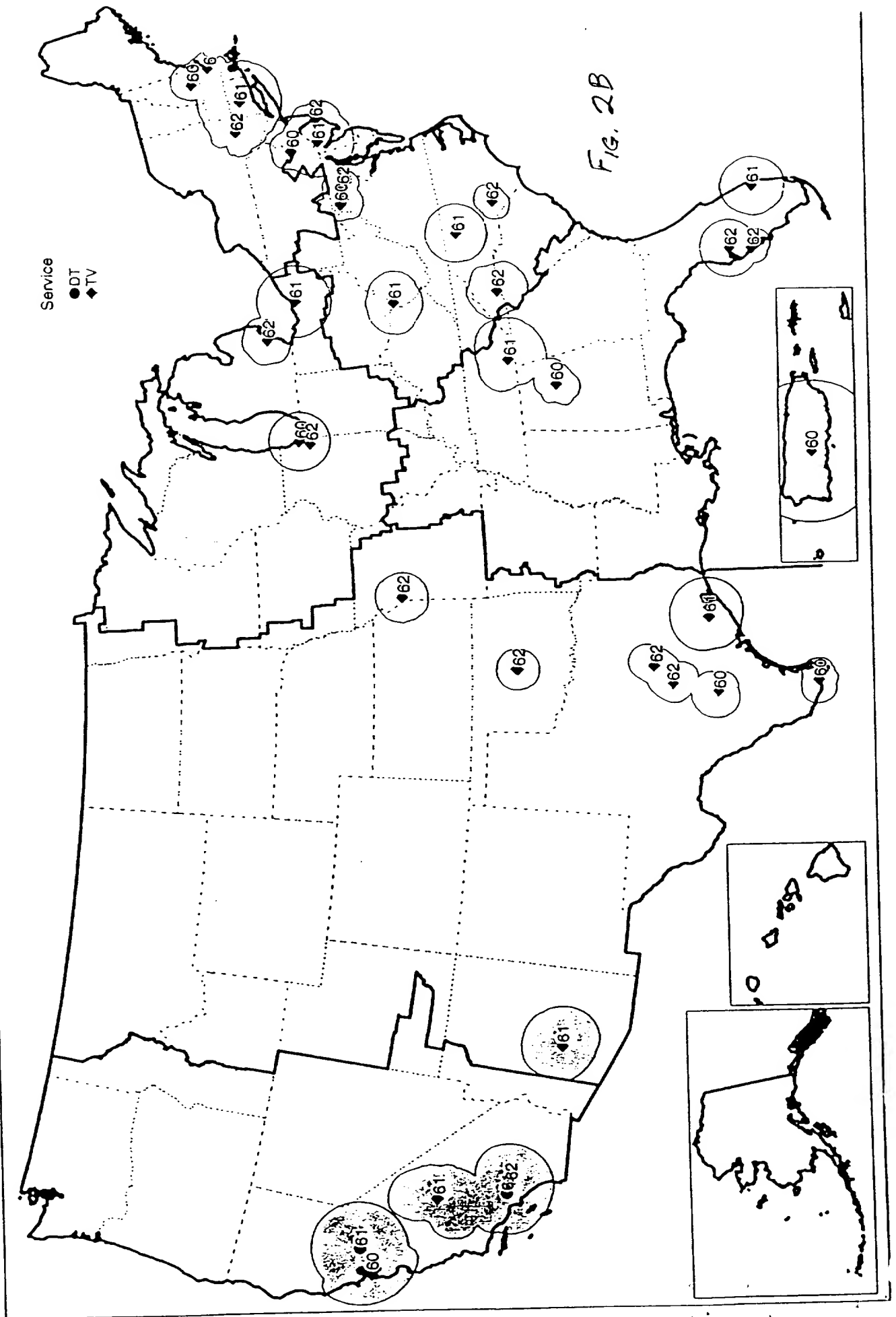


FIG. 1

TV and DTV Stations on Channel 60

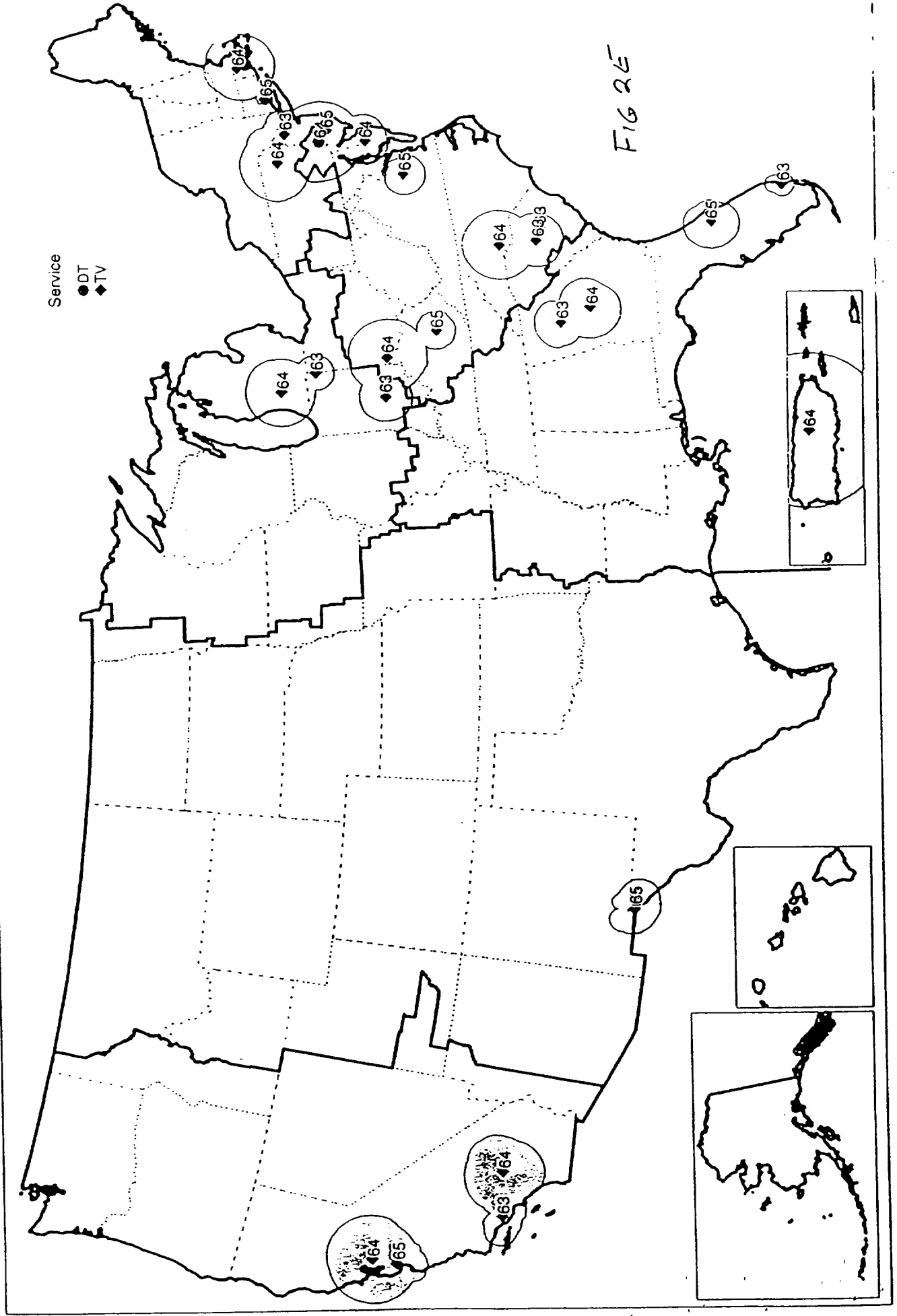


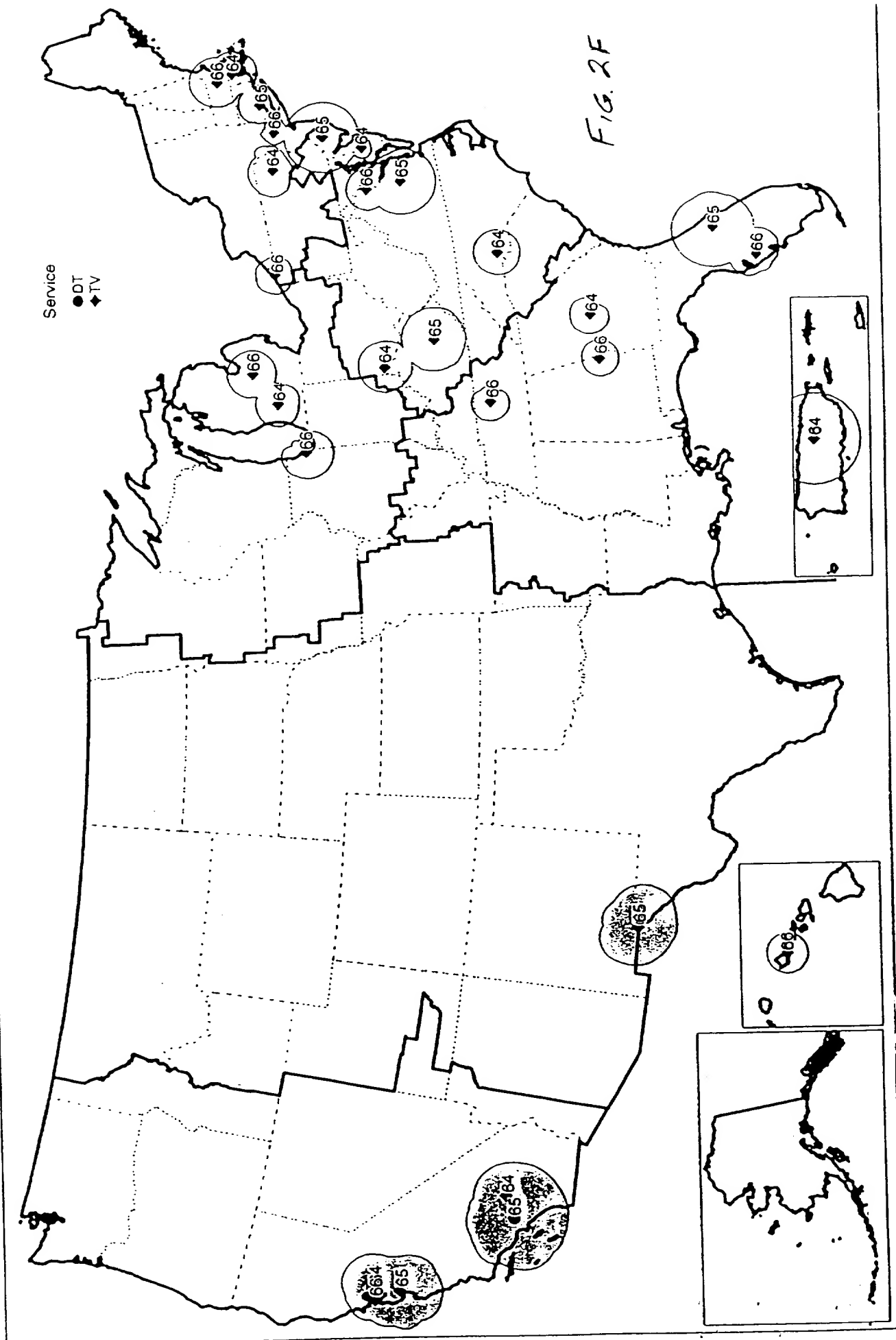
SCANNED, # 10
TV and DTV Stations on Channel 61



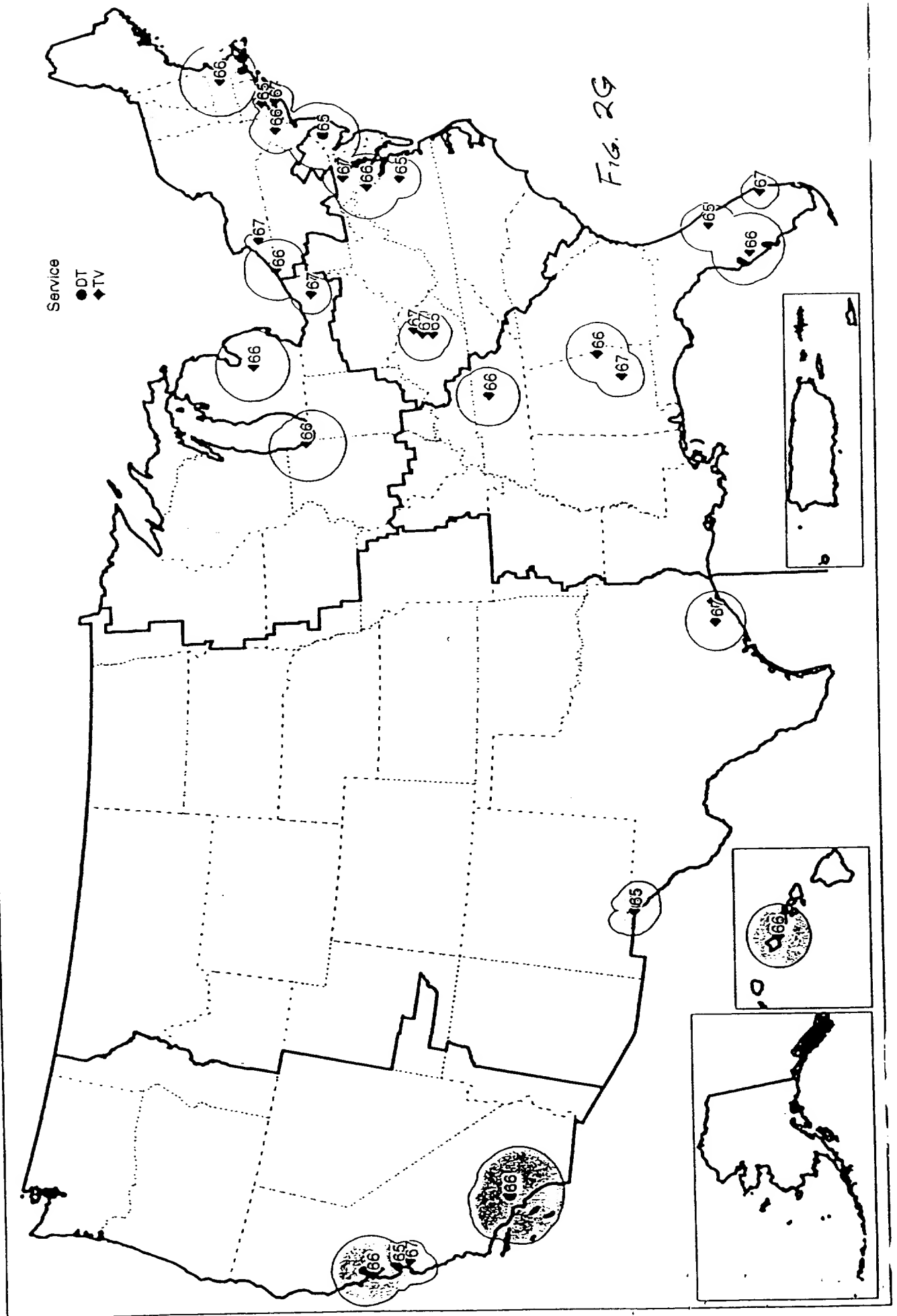


TV and DTV Stations on Channel 64

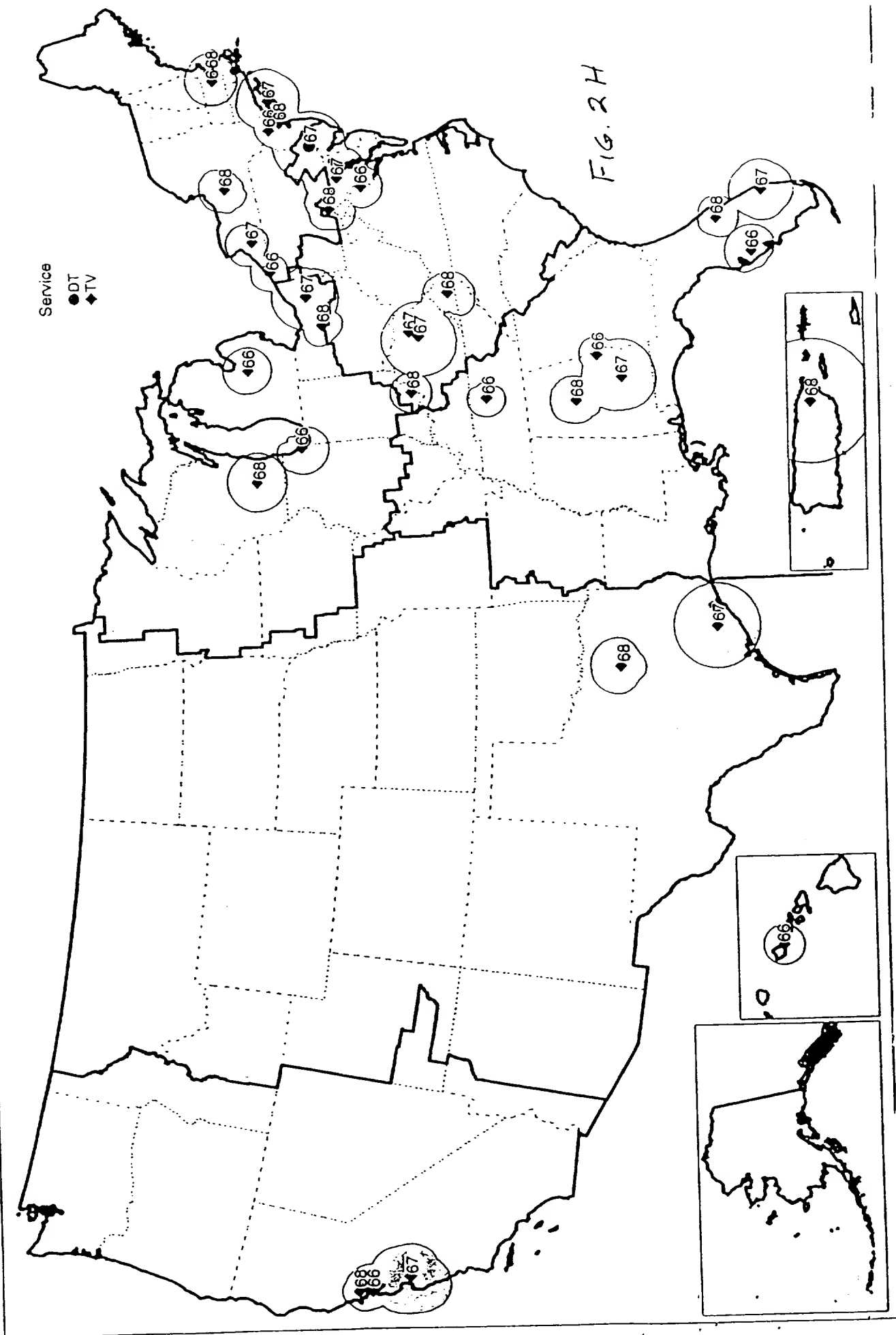




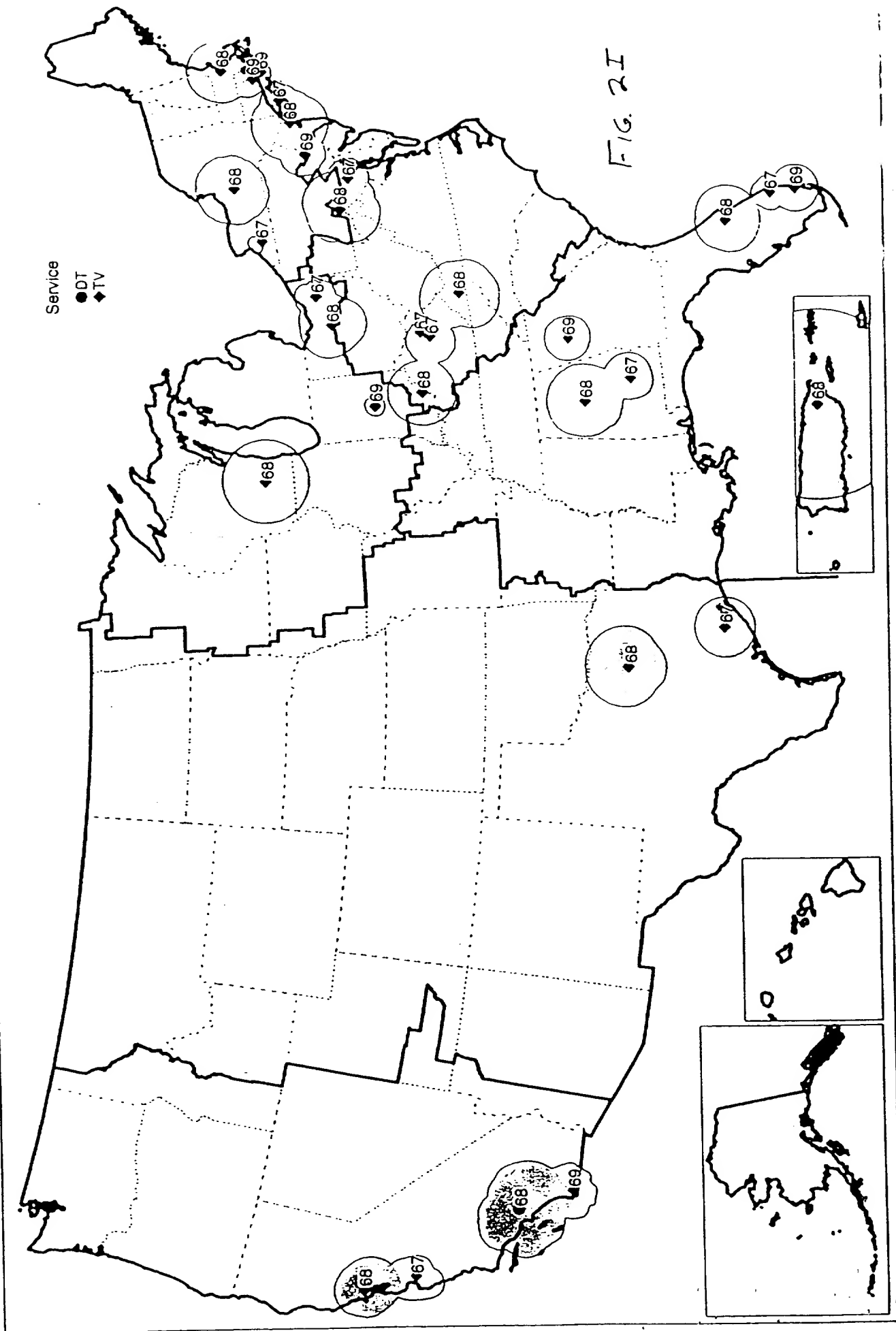
TV and DTV Stations on Channel 66



SCANNED # 10
TV and DTV Stations on Channel 67

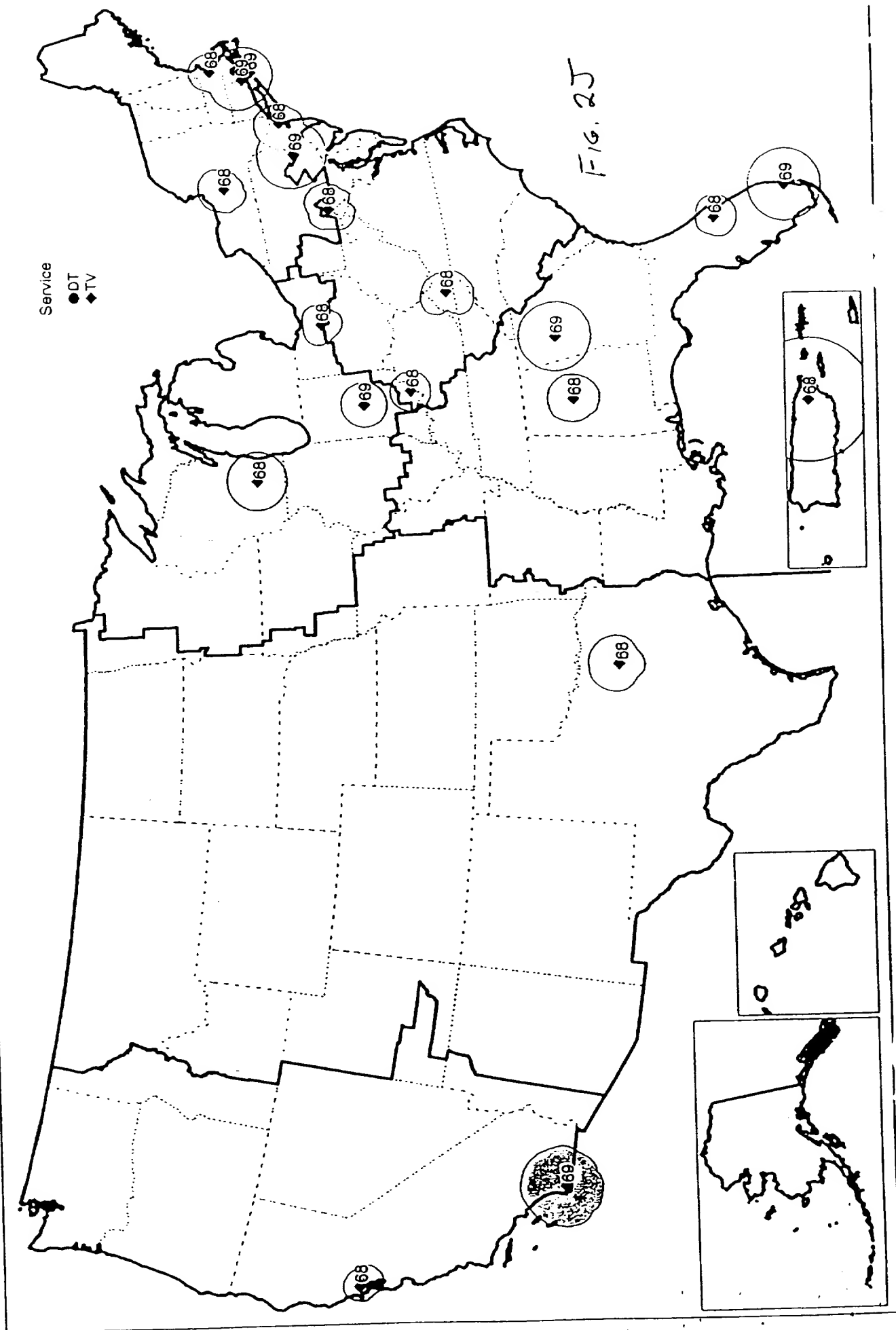


TV and DTV Stations on Channel 68



SCANNED, # 10

TV and DTV Stations on Channel 69



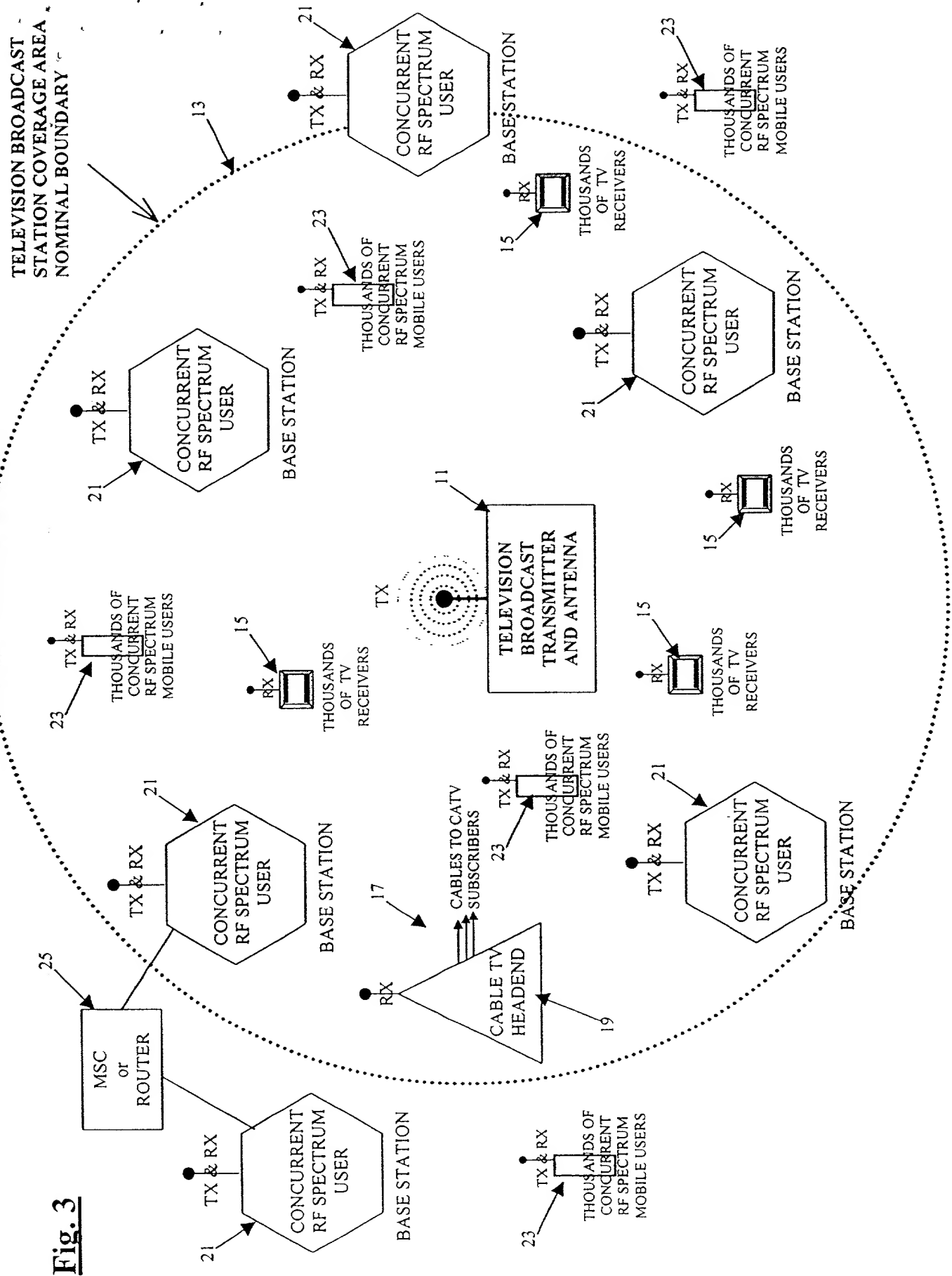


Fig. 3

Fig. 4

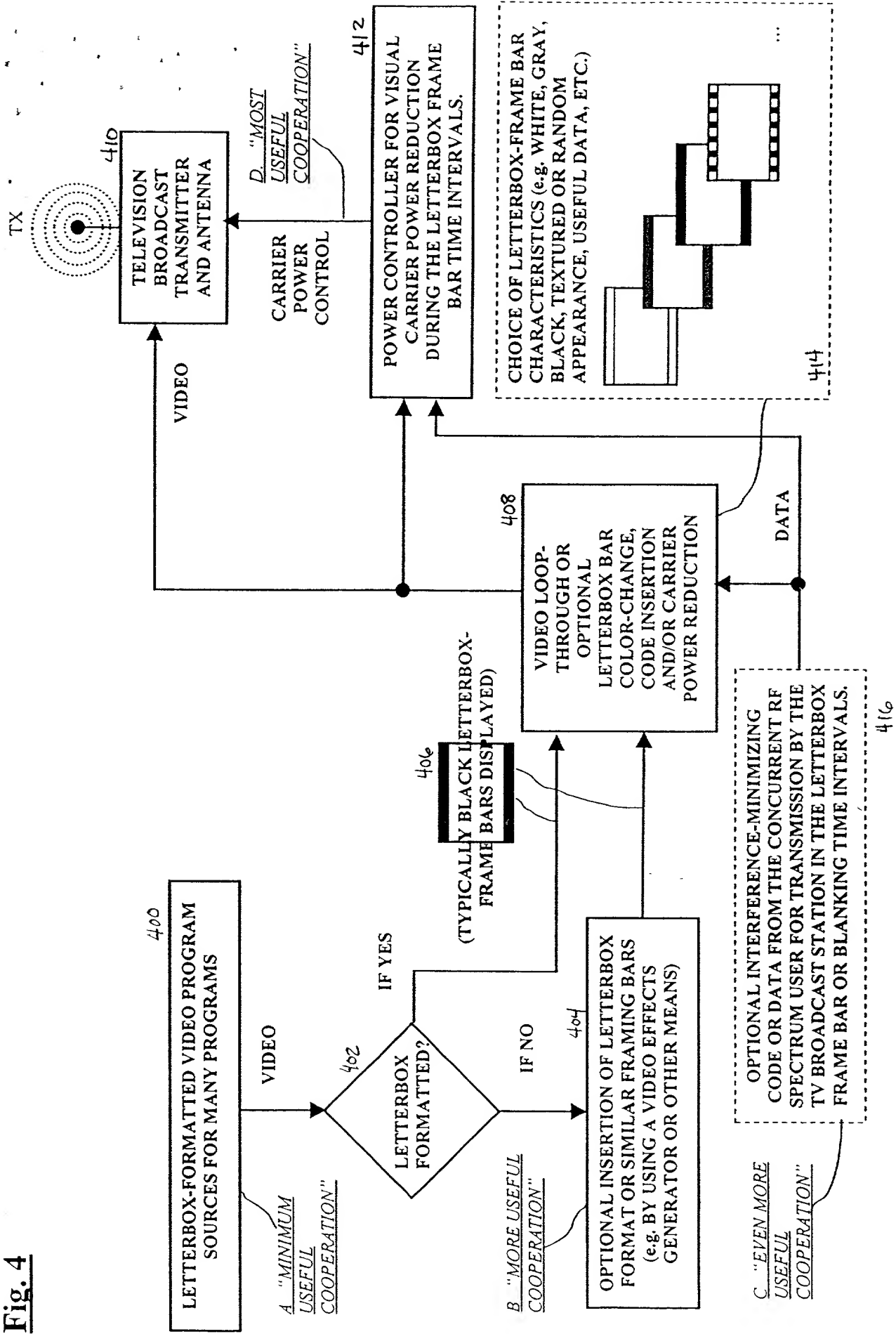


Fig. 5

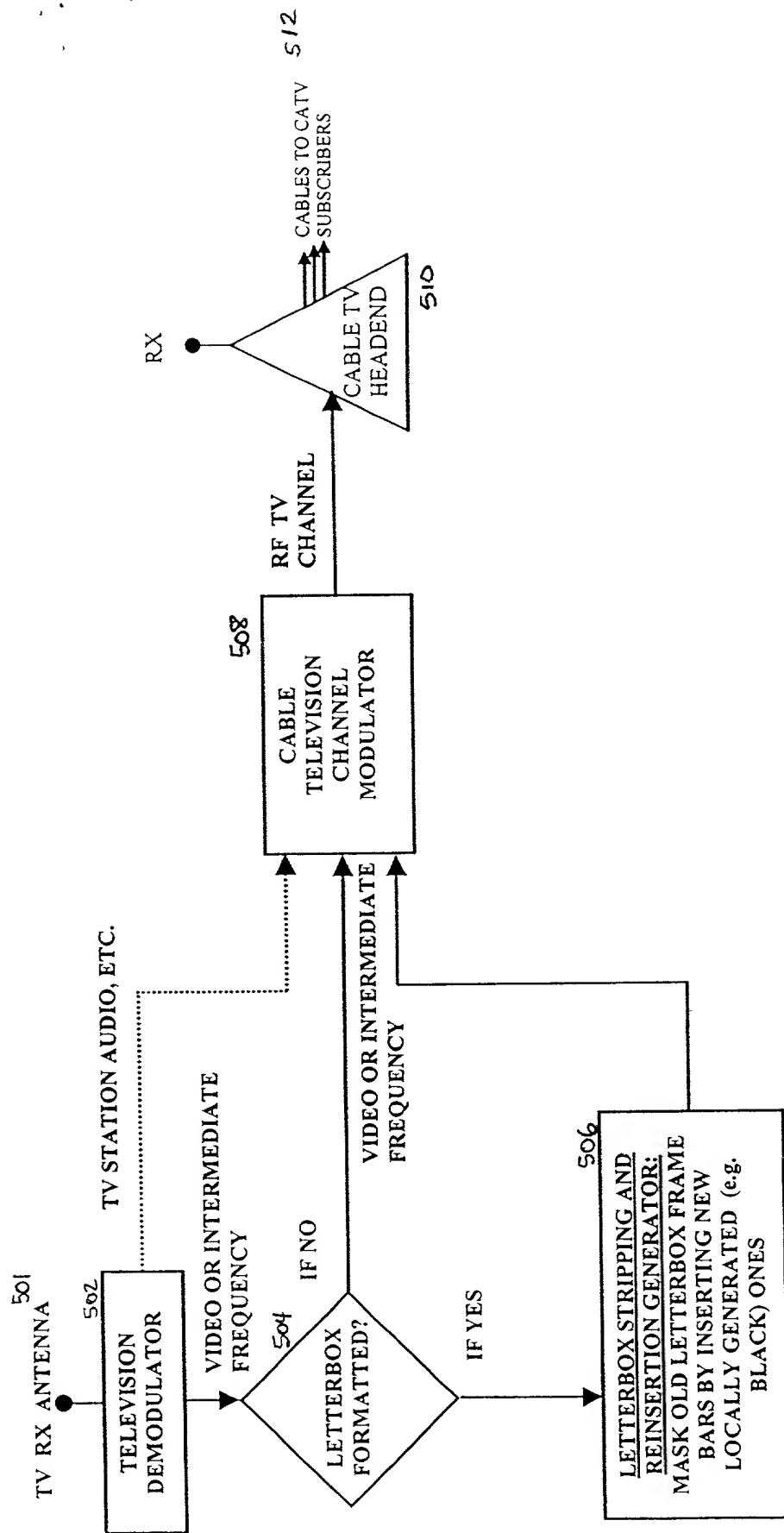


Fig. 6

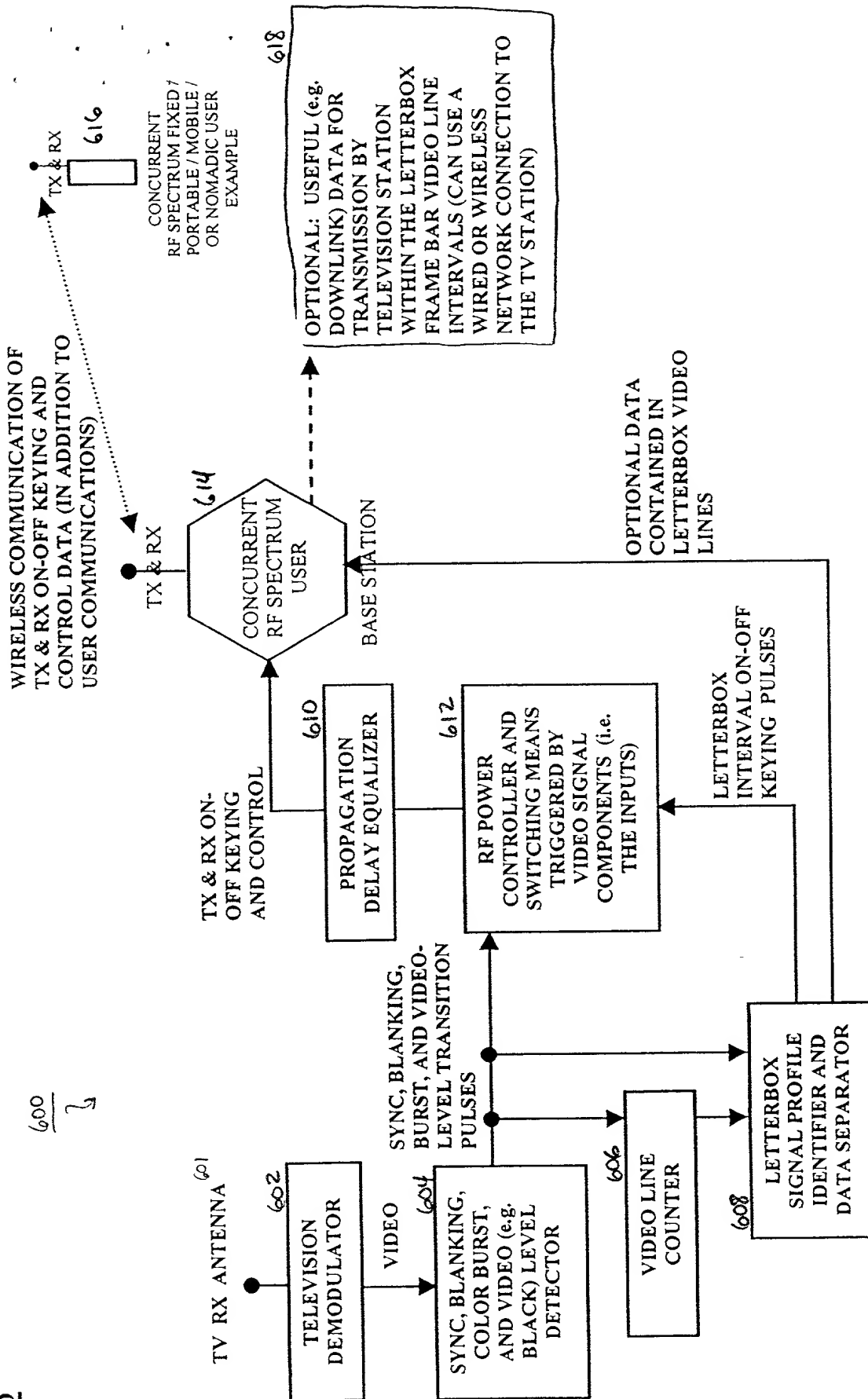


Fig. 8
RF LINK TO BASE STATION
(SEE ATTACHED BASE STATION DIAGRAM
FIG. 6)

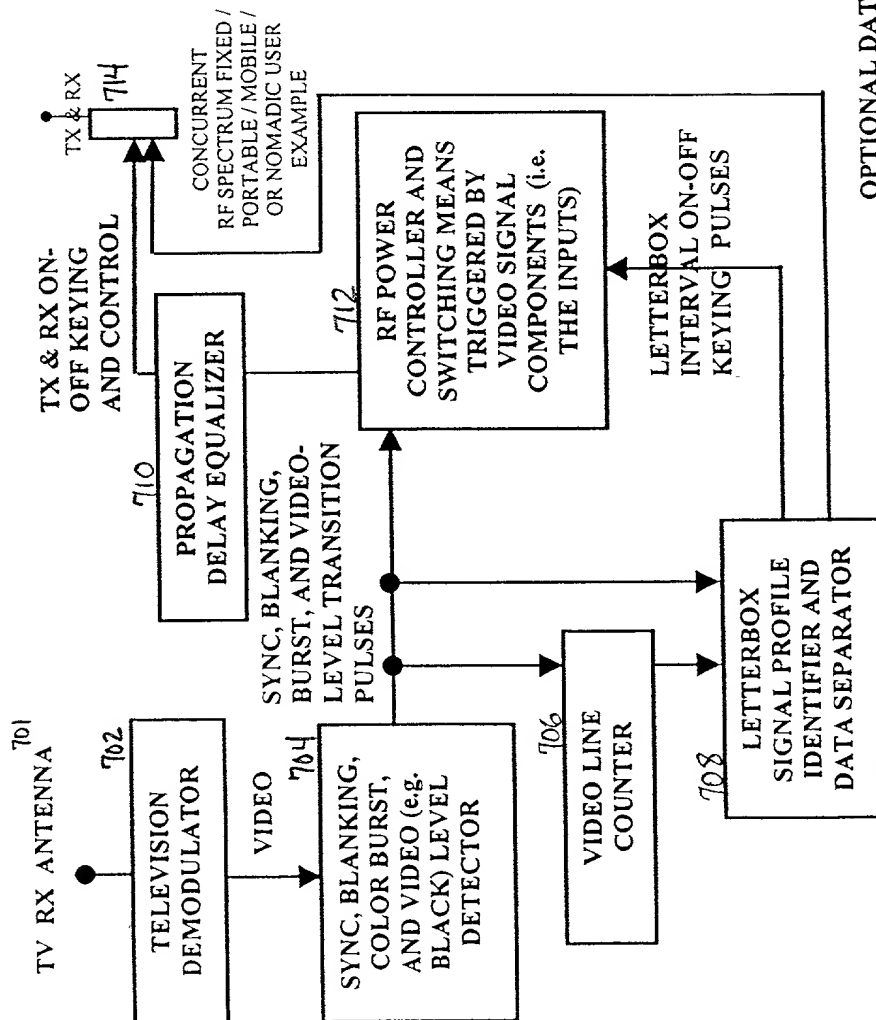
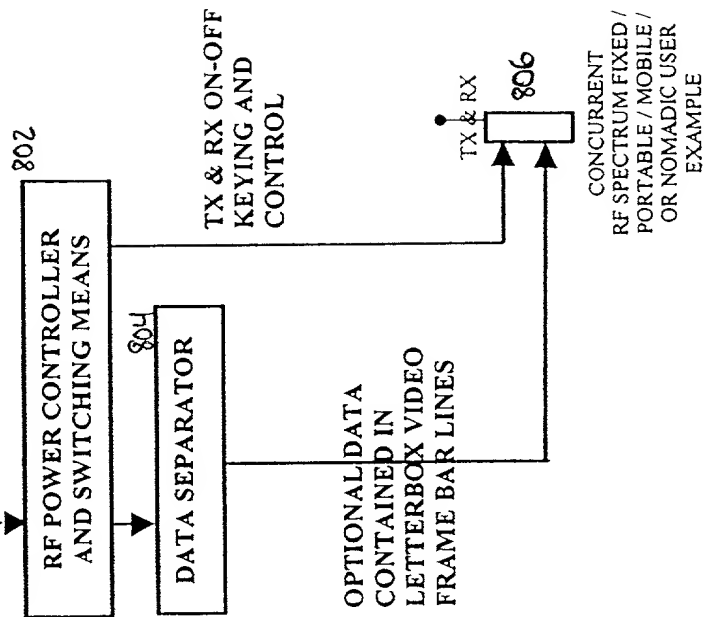


Fig. 7

EXAMPLE #1:

SCREEN ASPECT RATIO = 4:3 STANDARD NTSC
DISPLAY AREA = FULL SCREEN
LETTERBOX FRAME AREA = NONE.

Fig. 9A

EXAMPLE #2:

SCREEN ASPECT RATIO = 4:3 STANDARD NTSC
USEFUL DISPLAYED-AREA ASPECT RATIO = 16:9
LETTERBOX FRAME AREA = APPROXIMATELY 120 LINES
LETTERBOX FRAME COLOR: BLACK
(NEAR MAXIMUM TELEVISION MODULATION POWER).

Fig. 9B

	<p>EXAMPLE #3:</p> <p>SCREEN ASPECT RATIO = 4:3 STANDARD NTSC USEFUL DISPLAYED-AREA ASPECT RATIO = 16:9 LETTERBOX FRAME AREA = APPROXIMATELY 120 LINES LETTERBOX FRAME COLOR: WHITE (NEAR MINIMUM TELEVISION MODULATION POWER).</p>	

Fig. 9C

EXAMPLE #4:

SCREEN ASPECT RATIO = 4:3 STANDARD NTSC
USEFUL DISPLAYED-AREA ASPECT RATIO = 16:9
LETTERBOX FRAME AREA = APPROXIMATELY 120 LINES
LETTERBOX FRAME COLOR: 50% GRAYSCALE
(APPROXIMATELY MEDIUM TELEVISION MODULATION POWER).

Fig. 9D

EXAMPLE #5:

SCREEN ASPECT RATIO = 4:3 STANDARD NTSC
USEFUL DISPLAYED-AREA ASPECT RATIO = 16:9
LETTERBOX FRAME AREA = APPROXIMATELY 120 LINES
LETTERBOX FRAME COLOR: TEXTURED, RANDOM OR PSEUDORANDOM.

Fig. 9E

EXAMPLE #6:

SCREEN ASPECT RATIO = 4:3 STANDARD NTSC
USEFUL DISPLAYED-AREA ASPECT RATIO = 16:9
LETTERBOX FRAME AREA = APPROXIMATELY 120 LINES
LETTERBOX FRAME COLOR: ACTUAL DATA OR DOTTING SEQUENCE.

Fig. 9F

1010	1012	1014	1008	1002
Defined Relative Levels	RF Carrier Power (%)	IRE Scale	Sources (Volts DC)	
Power Reduction #2	0	120	1.1429	
Power Reduction #1	6.25	110	1.0714	
Reference White	12.5	100	1.0000	
		90	0.9286	
	(Grayscale and Carrier	80	0.8571	
	Power may	70	0.7857	
		60	0.7143	
Grayscale	not be	50	0.6429	
	linear	40	0.5714	
	functions)	30	0.5000	
		20	0.4286	
		10	0.3571	
Black	67.5	7.5	0.3393	
Blanking	75	0	0.2857	
		-10	0.2143	
		-20	0.1429	
		-30	0.0714	
Sync Pulse Tip	100	-40	0	

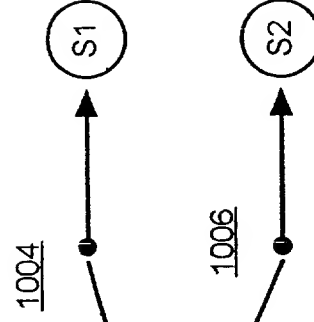


FIG. 10

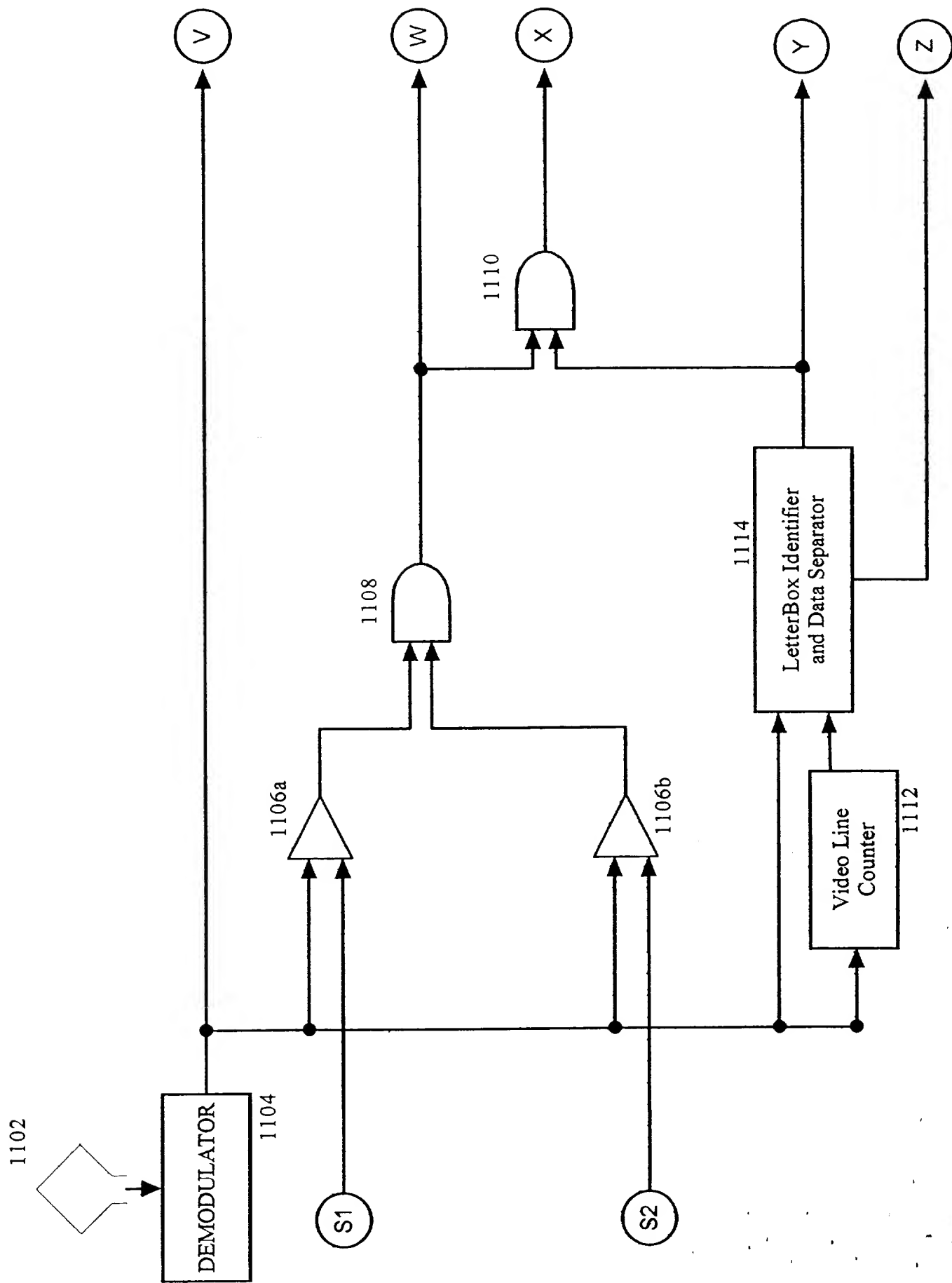


FIG 11

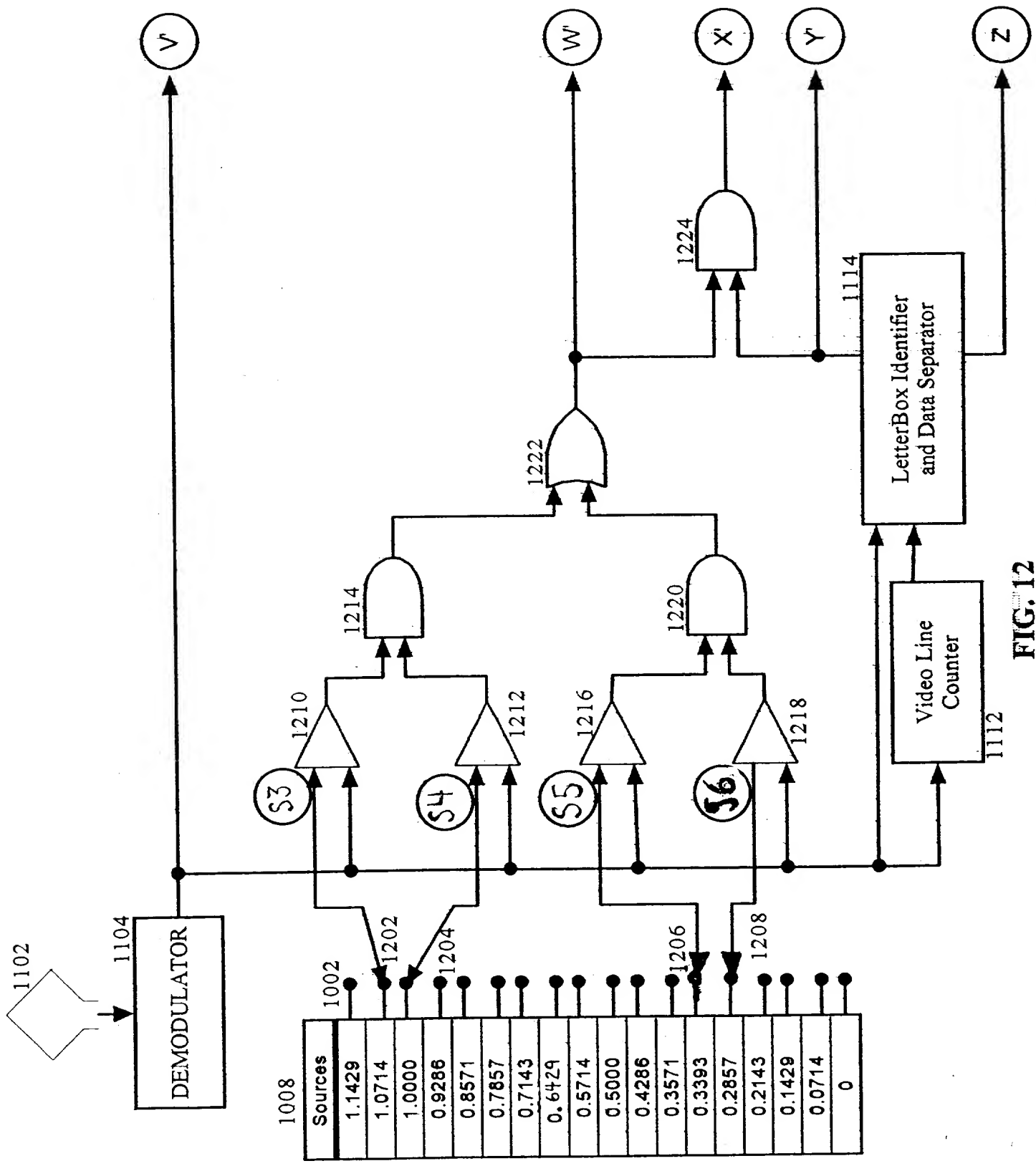


FIG. 12

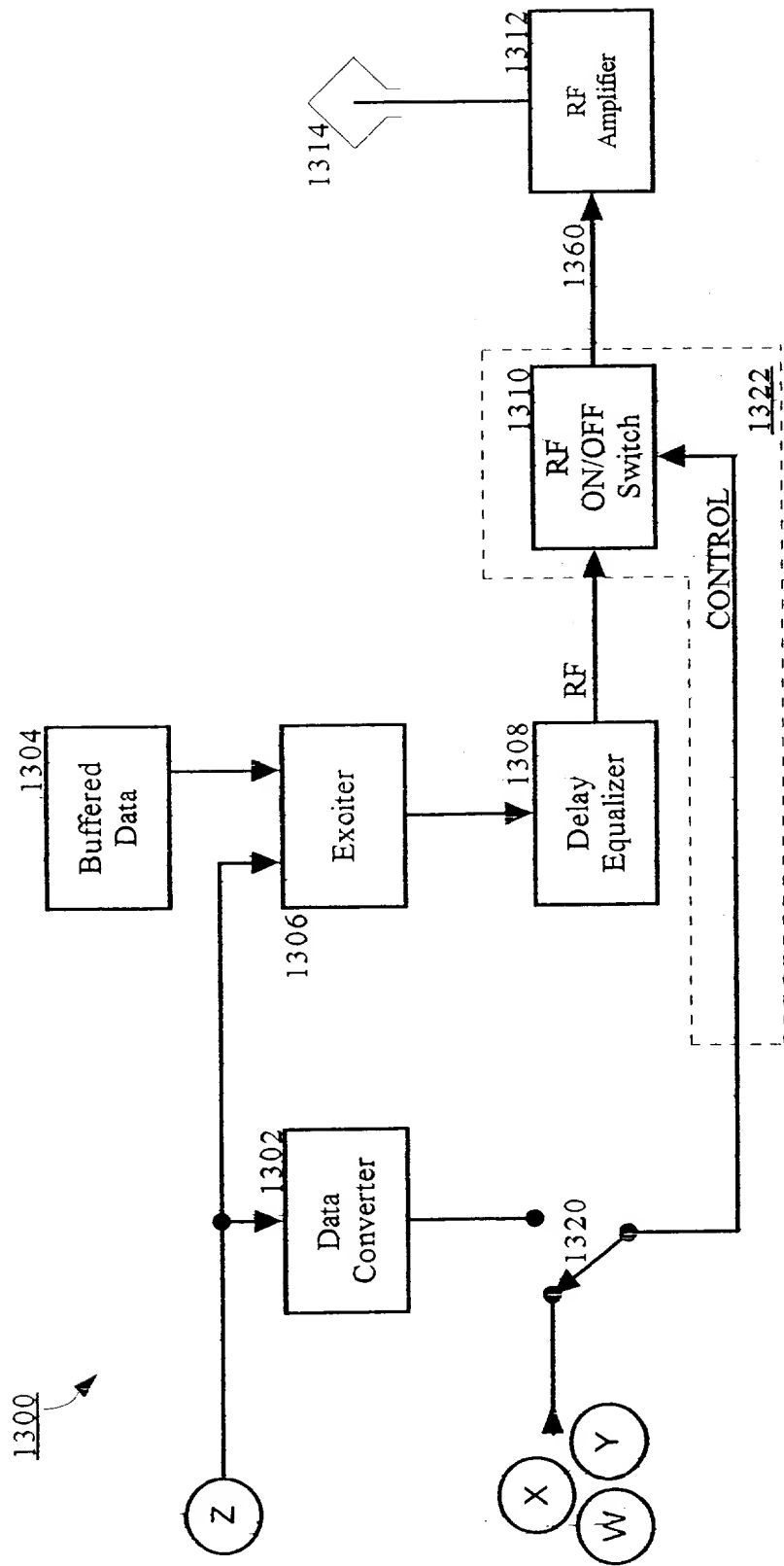


FIG. 13A

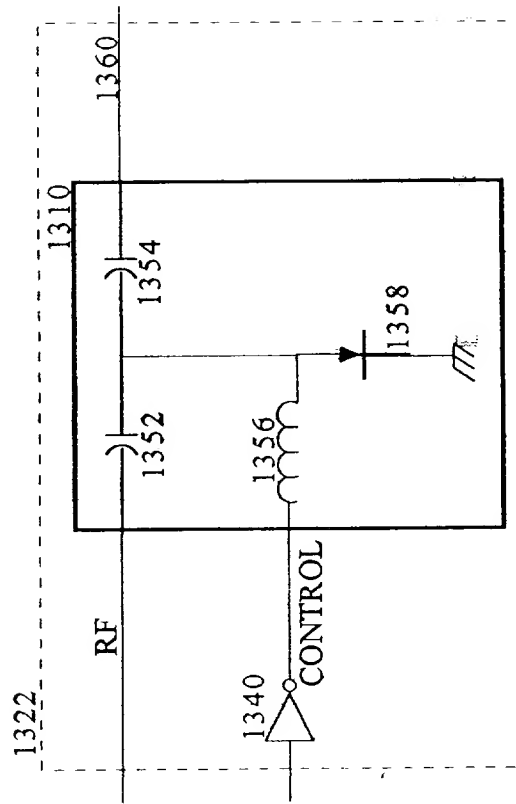


FIG. 13B

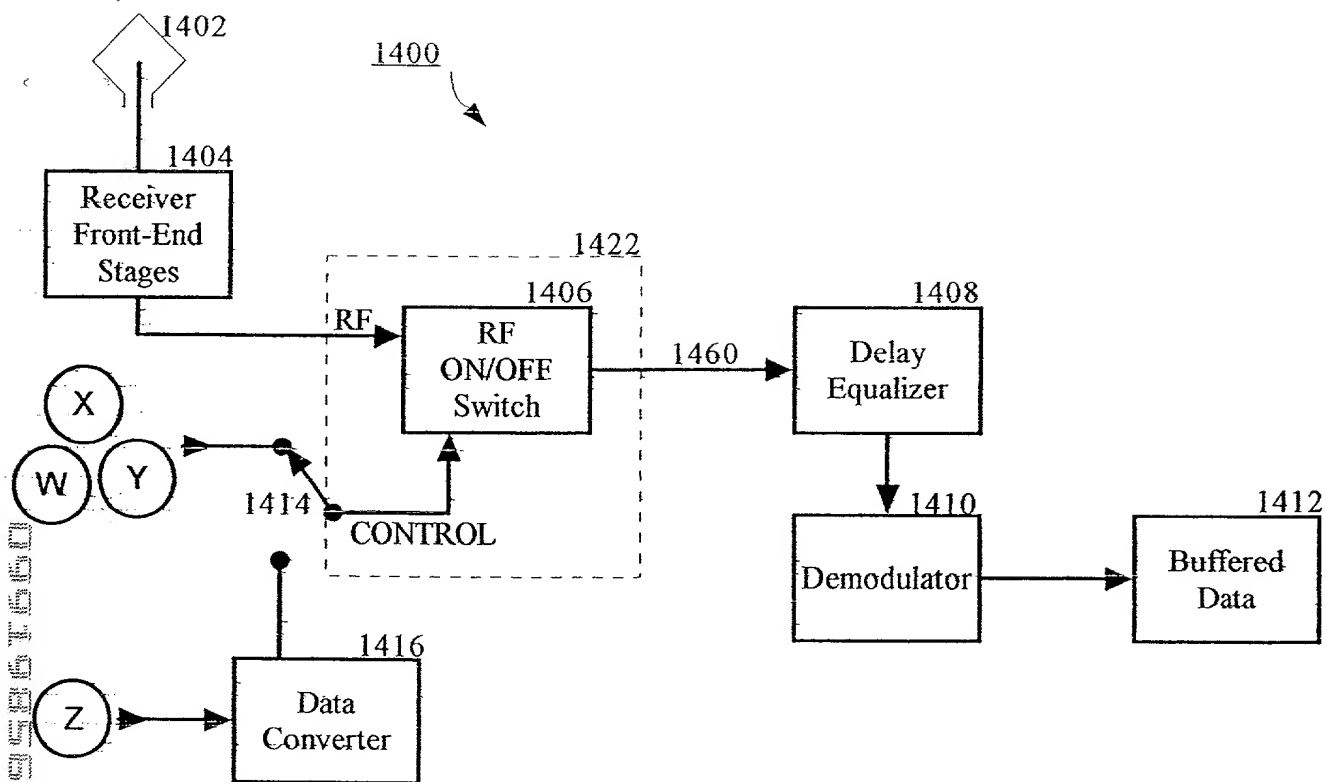


FIG. 14A

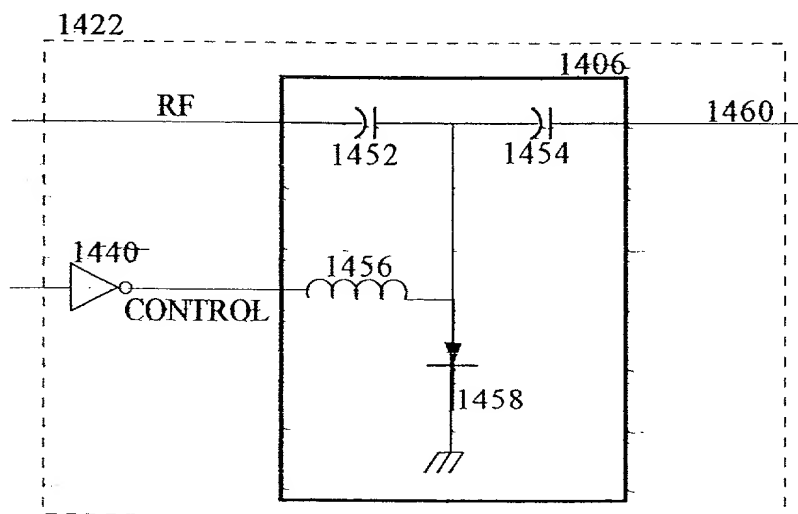


FIG. 14B